

SIGNAL PROCESSING APPARATUS, METHOD OF THE SAME,
AN IMAGE PROCESSING APPARATUS AND METHOD OF THE SAME

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ABSTRACT OF THE DISCLOSURE

An image processing apparatus capable of obtaining a high resolution image from a low resolution image without making processing in a camera signal processor

10 complicated, wherein a CCD image sensor is moved by a CCD drive and a plurality of received light signals having mutually different sampling phases are generated in accordance with imaging results in the CCD image sensor, the received light signals are converted to image signals

15 in an AD converter, the image signals are transformed to a frequency domain signal in a signal processor and multiplied with a plurality of respectively corresponding complex numbers stored in a memory, and the multiplied results are added to generate an image signal free from

20 aliasing components.